

# INTERNATIONAL SEARCH REPORT

International Application No

EP/2004/009183

## A. CLASSIFICATION OF SUBJECT MATTER

HO1M10/04 HO1M10/40 HO1M10/48 HO1M2/08 HO1M4/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
HOIM

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and where practical search terms used)

EPO-Internal , PAO, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate of the relevant passages	Relevant to claim No
Y  A	<p>US 2002/051904 A1 (ITOH TAKANORI ET AL) 2 May 2002 (2002-05-02)</p> <p>figure 1 paragraph '0004! paragraph '0006! - paragraph '0007! paragraph '0011! paragraph '0034! paragraph '0036! - paragraph '0038! paragraph '0040! paragraph '0042! paragraph '0045! - paragraph '0046! claims 3-5</p> <p style="text-align: center;">----- -/-</p>	<p>1-16, 18-23, 25,26 17,24</p>

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

### \* Special categories of cited documents

'A' document defining the general state of the art which is not considered to be of particular relevance

'E' earlier document but published on or after the international filing date

'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

'O' document referring to an oral disclosure, use, exhibition or other means

'p' document published prior to the international filing date but later than the priority date claimed

'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

'X' document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

'Y' document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

'&' document member of the same patent family

Date of the actual completion of the international search

12 January 2006

Date of mailing of the international search report

18/01/2006

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	<p>WO 03/012908 A (MASSACHUSETTS INSTITUTE OF TECHNOLOGY; A123 SYSTEMS)  13 February 2003 (2003-02-13)  page 1, line 18 - line 19  page 2, line 1  page 2, line 11 - line 12  page 2, line 27 - line 30  page 3, line 24 - line 25  page 18, line 19 - line 24  page 21, line 20 - line 21  page 26, line 18  page 31, line 25 - line 29  page 32, line 13  page 44, line 1 - line 19  page 45, line 16 - line 18  page 46, line 6  example 9  page 68, line 20 - line 22  page 70, line 30  claims 17-19,59</p> <p>-----</p>	1-9, 13-16
Y	<p>WO 03/047021 A (COMMISSARIAT A L'ENERGIE ATOMIQUE; MARTINET, SEBASTIEN; LE CRAS, FREDE) 5 June 2003 (2003-06-05)  page 2, line 7 - line 8  page 7, line 14 - line 31  page 9, line 16 - line 19  page 10, line 18 - line 19  page 12, line 21 - line 22  page 13, line 15 - line 24  page 15, line 9 - line 14  page 17, line 6  page 18, line 1  page 19, line 9 - line 16  page 20, line 5 - line 6</p> <p>-----</p>	1,2,4, 11-14, 16,18
Y	<p>EP 0 973 180 A (ASAHI GLASS COMPANY LTD)  19 January 2000 (2000-01-19)  paragraph 0001!  paragraph '0005! - paragraph '0006!  paragraph '0010! - paragraph '0012!  paragraph '0015!  paragraph '0017!  paragraph '0020!  paragraph '0022!  paragraph '0025!  paragraph '0028!  paragraph '0029!  paragraph '0036!  examples 3-7,9-12  claims 1,2,4-6,8</p> <p>-----</p> <p>-/-</p>	1,4,7,9, 13-16

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International Application No  
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	PATENT ABSTRACTS OF JAPAN vol. 017, no. 375 (E-1397), 14 July 1993 (1993-07-14) & JP 05 062712 A (SANYO ELECTRIC CO LTD), 12 March 1993 (1993-03-12) abstract -----	1, 4, 14, 15
Y	US 6 371 997 B1 (CHANG YOUN-HAN ET AL) 16 April 2002 (2002-04-16) column 2 column 4 -----	23
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Y	US 4 448 860 A (VON ALPEN ET AL) 15 May 1984 (1984-05-15) claim 1 -----	21

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Information on patent family members

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